

**What is Claimed is:**

1. A polymer mixture of a thermoplastically processable fluoropolymer and a sulfur polymer, wherein the sulfur polymer component in the polymer mixture is 0.1 to 20% by weight.
2. A polymer mixture as claimed in Claim 1, **characterized in that** the sulfur polymer component is between 10 and 20%, preferably between 15 and 20%.
3. A polymer mixture as claimed in Claim 1, **characterized in that** the fluoropolymer is a tetrafluoroethylene-perfluoropropylene copolymer (FEP).
4. A polymer mixture as claimed in Claim 1, **characterized in that** the fluoropolymer is an ethylene-tetrafluoroethylene copolymer (ETFE).
5. A polymer mixture as claimed in Claim 1, **characterized in that** the sulfur polymer is polyphenylene sulfide (PPS).
6. A polymer mixture as claimed in Claim 1, **characterized in that** the sulfur polymer is polysulfone (PSU).
7. A polymer mixture as claimed in Claim 1, **characterized in that** the sulfur polymer is polyether sulfone (PES).

8. A polymer mixture as claimed in Claim 1, **characterized in that** the polymer mixture contains one or more of the sulfur polymers.

9. An insulating layer on an electric line, comprising a polymer mixture as claimed in Claim 1.

10. A sheathing mixture for electrical cables or lines, comprising a polymer mixture as claimed in Claim 1.

11. A sheathing mixture for electrical cables or lines, comprising a polymer mixture as claimed in Claim 1.